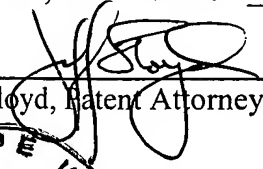


CofC

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313 on 1 August 2006.

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 CFR 1.322  
Docket No. SUN-DA-133T  
Patent No. 7,056,647

  
Jeff Lloyd, Patent Attorney, Reg. No.35,589



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Sung Mun Jung, Chang Hun Han  
Issued : June 6, 2006  
Patent No. : 7,056,647  
For : Flash Memory With Reduced Source Resistance and Fabrication Method Thereof

Mail Stop Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Certificate**  
AUG 10 2006  
**of Correction**

REQUEST FOR CERTIFICATE OF CORRECTION  
UNDER 37 CFR 1.322 (OFFICE MISTAKE)

Sir:

A Certificate of Correction (in duplicate) for the above-identified patent has been prepared and is attached hereto.

In the left-hand column below is the column and line number where error occurred in the patent. In the right-hand column is the page of the Certificate of Incorporation as filed on June 6, 2006, where the correct information appears.

Patent Reads:

Assignee:

"DongbuAnam Semiconductor Inc.,"

Certificate of Incorporation:

Page 1:

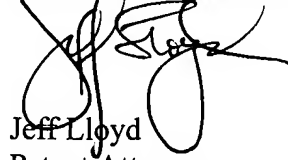
--Dongbu Electronics, Co., Ltd.--

AUG 11 2006

A true and correct copy of the Certificate of Incorporation as filed on June 6, 2006, and the Notice of Recordation of a Name Change which supports Applicants' assertion of the error on the part of the Patent Office accompanies this Certificate of Correction.

Approval of the Certificate of Correction is respectfully requested.

Respectfully submitted,



Jeff Lloyd  
Patent Attorney

Registration No. 35,589

Phone No.: 352-375-8100

Fax No.: 352-372-5800

Address: P.O. Box 142950  
Gainesville, FL 32614-2950

JL/fes

Attachments: Copy of Name Change Document and the Notice of Recordation of a Name Change

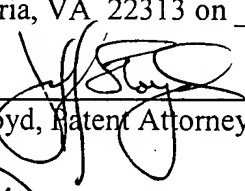
COPY

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Alexandria, VA 22313 on 1 August 2006.

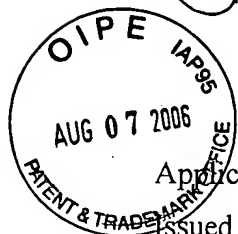
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Patent No. 7,056,647

  
Jeff Lloyd, Patent Attorney, Reg. No. 35,589

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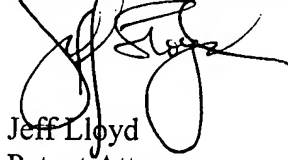
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Patent Attorney

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Gainesville, FL 32614-2950

JL/fes

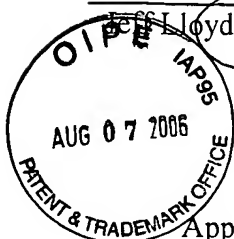
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Patent No. 7,056,647



Jeffrey Lloyd, Patent Attorney, Reg. No.35,589

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Respectfully submitted,



Jeff Lloyd  
Patent Attorney

Registration No. 35,589

Phone No.: 352-375-8100

Fax No.: 352-372-5800

Address: P.O. Box 142950  
Gainesville, FL 32614-2950

JL/fes

Attachments: Copy of Name Change Document and the Notice of Recordation of a Name Change

AUG 11 2006

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

7,056,647

PATENT NO. : 7,056,647

Page 1 of 1

APPLICATION NO.: 10/749,648

DATED : December 30, 2003

INVENTORS : Sung Mun Jung, Chang hun Han

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Assignee,

"DongbuAnam Semiconductor Inc." should read --Dongbu Electronics Co., Ltd.--.

MAILING ADDRESS OF SENDER:  
Saliwanchik, Lloyd & Saliwanchik  
P.O. Box 142950  
Gainesville, FL 32614-2950

AUG 11 2006

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

7,056,647

PATENT NO. : 7,056,647

Page 1 of 1

APPLICATION NO.: 10/749,648

DATED : December 30, 2003

INVENTORS : Sung Mun Jung, Chang hun Han

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Assignee.

"DongbuAnam Semiconductor Inc." should read --Dongbu Electronics Co., Ltd.--.

MAILING ADDRESS OF SENDER:  
Saliwanchik, Lloyd & Saliwanchik  
P.O. Box 142950  
Gainesville, FL 32614-2950

AUG 11 2006





**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUNE 06, 2006

PTAS

**\*500111765A\***

**\*500111765A\***

JEFF LLOYD  
P.O. BOX 142950  
GAINESVILLE, FL 32614-2950

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 06/06/2006

REEL/FRAME: 017718/0964  
NUMBER OF PAGES: 21

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: SUN-DA & SUN DE

ASSIGNOR:

DONGBU ANAM SEMICONDUCTORS, INC

DOC DATE: 04/10/2006

ASSIGNEE:

DONGBU ELECTRONICS CO., LTD.  
891-10, DAECHEI-DONG, GANGNAM-GU  
SEOUL, REPUBLIC OF KOREA

SERIAL NUMBER: 11433037

FILING DATE: 05/12/2006

PATENT NUMBER:

ISSUE DATE:

TITLE: MULTI-LAYERED COPPER LINE STRUCTURE OF SEMICONDUCTOR DEVICE AND  
METHOD FOR FORMING THE SAME

**AUG 11 2006**

SERIAL NUMBER: 10458870	FILING DATE: 06/11/2003
PATENT NUMBER:	ISSUE DATE:
TITLE: THINNING AGENT SUPPLYING SYSTEMS	
SERIAL NUMBER: 10676643	FILING DATE: 10/01/2003
PATENT NUMBER:	ISSUE DATE:
TITLE: APPARATUS AND METHODS FOR SLURRY FLOW CONTROL	
SERIAL NUMBER: 10701341	FILING DATE: 11/04/2003
PATENT NUMBER:	ISSUE DATE:
TITLE: METHOD AND APPARATUS FOR FORMING A BARRIER METAL LAYER IN SEMICONDUCTOR DEVICES	
SERIAL NUMBER: 10743113	FILING DATE: 12/22/2003
PATENT NUMBER:	ISSUE DATE:
TITLE: SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	
SERIAL NUMBER: 10743608	FILING DATE: 12/22/2003
PATENT NUMBER:	ISSUE DATE:
TITLE: METHODS FOR FORMING CAPACITORS AND CONTACT HOLES OF SEMICONDUCTOR DEVICES SIMULTANEOUSLY	
SERIAL NUMBER: 10744189	FILING DATE: 12/23/2003
PATENT NUMBER:	ISSUE DATE:
TITLE: IMAGE SENSORS AND METHODS OF MANUFACTURING THE SAME	
SERIAL NUMBER: 10745854	FILING DATE: 12/26/2003
PATENT NUMBER:	ISSUE DATE:
TITLE: METHODS FOR FABRICATING A SEMICONDUCTOR DEVICE	
SERIAL NUMBER: 10746805	FILING DATE: 12/26/2003
PATENT NUMBER:	ISSUE DATE:
TITLE: METHODS OF MANUFACTURING SEMICONDUCTOR DEVICES	
SERIAL NUMBER: 10746836	FILING DATE: 12/26/2003
PATENT NUMBER:	ISSUE DATE:
TITLE: METHODS OF MANUFACTURING A SEMICONDUCTOR DEVICE	
SERIAL NUMBER: 10746837	FILING DATE: 12/26/2003
PATENT NUMBER:	ISSUE DATE:
TITLE: METHODS OF MANUFACTURING SEMICONDUCTOR DEVICES	
SERIAL NUMBER: 10747599	FILING DATE: 12/29/2003
PATENT NUMBER:	ISSUE DATE:
TITLE: METHODS FOR FABRICATING SEMICONDUCTOR DEVICES	
SERIAL NUMBER: 10747600	FILING DATE: 12/29/2003
PATENT NUMBER:	ISSUE DATE:
TITLE: MEMORY CELL STRUCTURES INCLUDING A GAP FILLING LAYER AND METHODS OF FABRICATING THE SAME	





SERIAL NUMBER: 11010157                      FILING DATE: 12/10/2004  
PATENT NUMBER:                                ISSUE DATE:  
TITLE: METHODS FOR FABRICATING SEMICONDUCTOR DEVICES

SERIAL NUMBER: 11021731                      FILING DATE: 12/23/2004  
PATENT NUMBER:                                ISSUE DATE:  
TITLE: METHODS OF FABRICATING SEMICONDUCTOR DEVICES

017718/0964 PAGE 5

SERIAL NUMBER: 11023260                      FILING DATE: 12/27/2004  
PATENT NUMBER:                                ISSUE DATE:  
TITLE: METHODS OF MANUFACTURING SEMICONDUCTOR DEVICES

SERIAL NUMBER: 11024994                      FILING DATE: 12/28/2004  
PATENT NUMBER:                                ISSUE DATE:  
TITLE: METHODS OF FABRICATING TRANSISTORS IN SEMICONDUCTOR DEVICES

SERIAL NUMBER: 11026232                      FILING DATE: 12/29/2004  
PATENT NUMBER:                                ISSUE DATE:  
TITLE: METHODS FOR FORMING SHALLOW TRENCH ISOLATION STRUCTURES IN  
SEMICONDUCTOR DEVICES

SERIAL NUMBER: 11026486                      FILING DATE: 12/29/2004  
PATENT NUMBER:                                ISSUE DATE:  
TITLE: PHOTOMASKS

SERIAL NUMBER: 11027086                      FILING DATE: 12/29/2004  
PATENT NUMBER:                                ISSUE DATE:  
TITLE: METHODS FOR CLEANING A CHAMBER OF SEMICONDUCTOR DEVICE  
MANUFACTURING EQUIPMENT

SERIAL NUMBER: 11027348                      FILING DATE: 12/29/2004  
PATENT NUMBER:                                ISSUE DATE:  
TITLE: LATERAL DOUBLE-DIFFUSED MOS TRANSISTOR DEVICE

SERIAL NUMBER: 11027349                      FILING DATE: 12/29/2004  
PATENT NUMBER:                                ISSUE DATE:  
TITLE: METHOD OF FABRICATING A TEST PATTERN FOR JUNCTION LEAKAGE CURRENT

SERIAL NUMBER: 11026714                      FILING DATE: 12/30/2004  
PATENT NUMBER:                                ISSUE DATE:  
TITLE: METHODS OF FABRICATING SEMICONDUCTOR DEVICES

SERIAL NUMBER: 11026715                      FILING DATE: 12/30/2004  
PATENT NUMBER:                                ISSUE DATE:  
TITLE: METHODS OF FABRICATING NONVOLATILE MEMORY USING A QUANTUM DOT

SERIAL NUMBER: 11026756                      FILING DATE: 12/30/2004

AUG 11 2006

TITLE: METHOD FOR FORMING METALLIC INTERCONNECTS IN SEMICONDUCTOR DEVICES

SERIAL NUMBER: 11026937 FILING DATE: 12/30/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHODS OF FABRICATING GATE SPACERS FOR SEMICONDUCTOR DEVICES

SERIAL NUMBER: 11026941 FILING DATE: 12/30/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: SEMICONDUCTOR DEVICES AND METHOD FOR FABRICATING THE SAME

SERIAL NUMBER: 11026972 FILING DATE: 12/30/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: SEMICONDUCTOR DEVICE AND FABRICATING METHOD THEREOF

017718/0964 PAGE 6

SERIAL NUMBER: 11026984 FILING DATE: 12/30/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHODS FOR PREVENTING COPPER OXIDATION IN A DUAL DAMASCENE PROCESS

SERIAL NUMBER: 11027312 FILING DATE: 12/30/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHODS OF FABRICATING MIM CAPACITORS OF SEMICONDUCTOR DEVICES

SERIAL NUMBER: 11027524 FILING DATE: 12/30/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHODS OF FABRICATING MIM CAPACITORS IN SEMICONDUCTOR DEVICES

SERIAL NUMBER: 11027514 FILING DATE: 12/30/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHODS OF FORMING COPPER INTERCONNECTIONS USING ELECTROCHEMICAL  
PLATING PROCESSES

SERIAL NUMBER: 11027518 FILING DATE: 12/30/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: TRANSISTORS OF SEMICONDUCTOR DEVICES AND METHODS OF FABRICATING THE  
SAME

SERIAL NUMBER: 11027533 FILING DATE: 12/30/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHODS FOR FORMING COPPER INTERCONNECT OF SEMICONDUCTOR DEVICES

SERIAL NUMBER: 11027049 FILING DATE: 12/30/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: DEVICES AND METHODS OF PREVENTING PLASMA CHARGING DAMAGE IN  
SEMICONDUCTOR DEVICES

SERIAL NUMBER: 11044331 FILING DATE: 01/27/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD OF MAKING A MOS TRANSISTOR

AUG 11 2006



SERIAL NUMBER: 10729227

FILING DATE: 12/05/2003

PATENT NUMBER: 6943092

ISSUE DATE: 09/13/2005

TITLE: METHODS OF MANUFACTURING SEMICONDUCTOR DEVICES

SERIAL NUMBER: 10733067

FILING DATE: 12/11/2003

PATENT NUMBER: 7005383

ISSUE DATE: 02/28/2006

TITLE: APPARATUS AND METHODS OF CHEMICAL MECHANICAL POLISHING

SERIAL NUMBER: 10743483

FILING DATE: 12/22/2003

PATENT NUMBER: 6984590

ISSUE DATE: 01/10/2006

TITLE: METHOD OF MANUFACTURING AN EEPROM DEVICE

SERIAL NUMBER: 10743629

FILING DATE: 12/22/2003

PATENT NUMBER: 6962877

ISSUE DATE: 11/08/2005

TITLE: METHODS OF PREVENTING OXIDATION OF BARRIER METAL OF SEMICONDUCTOR DEVICES

10743629

AUG 11 2006



SERIAL NUMBER: 10745853 FILING DATE: 12/26/2003  
PATENT NUMBER: 6969655 ISSUE DATE: 11/29/2005  
TITLE: METHOD OF FABRICATING A SEMICONDUCTOR DEVICE THAT INCLUDES REMOVING  
A RESIDUAL CONDUCTING LAYER FROM A SIDEWALL SPACER CORRESPONDING TO  
A GATE ELECTRODE OF A FLASH MEMORY

SERIAL NUMBER: 10747603 FILING DATE: 12/29/2003  
PATENT NUMBER: 7037826 ISSUE DATE: 05/02/2006  
TITLE: METHOD FOR FORMING SEMICONDUCTOR DEVICE BONDING PADS

SERIAL NUMBER: 10747830 FILING DATE: 12/29/2003  
PATENT NUMBER: 6864126 ISSUE DATE: 03/08/2005  
TITLE: METHODS OF MANUFACTURING SEMICONDUCTOR DEVICES

SERIAL NUMBER: 10749489 FILING DATE: 12/30/2003  
PATENT NUMBER: 6969653 ISSUE DATE: 11/29/2005  
TITLE: METHODS OF MANUFACTURING AND-TYPE FLASH MEMORY DEVICES

SERIAL NUMBER: 10749648 FILING DATE: 12/30/2003  
PATENT NUMBER: 7056647 ISSUE DATE: 06/06/2006  
TITLE: FLASH MEMORY WITH REDUCED SOURCE RESISTANCE AND FABRICATION METHOD  
THEREOF

SERIAL NUMBER: 10750249 FILING DATE: 12/31/2003  
PATENT NUMBER: 6984560 ISSUE DATE: 01/10/2006  
TITLE: METHODS OF FORMING QUANTUM DOTS IN SEMICONDUCTOR DEVICES

SERIAL NUMBER: 10750250 FILING DATE: 12/31/2003  
PATENT NUMBER: 7008856 ISSUE DATE: 03/07/2006  
TITLE: METHOD FOR FABRICATING AND-TYPE FLASH MEMORY CELL

SERIAL NUMBER: 10757820 FILING DATE: 01/15/2004  
PATENT NUMBER: 6806174 ISSUE DATE: 10/19/2004  
TITLE: SEMICONDUCTOR DEVICES AND METHODS FOR FABRICATING THE SAME

SERIAL NUMBER: 10875125 FILING DATE: 06/23/2004  
PATENT NUMBER: 6903026 ISSUE DATE: 06/07/2005  
TITLE: SPUTTER ETCH METHODS

SERIAL NUMBER: 10889344 FILING DATE: 07/12/2004  
PATENT NUMBER: 6997791 ISSUE DATE: 02/14/2006  
TITLE: CMP POLISHING HEADS AND METHODS OF USING THE SAME

SERIAL NUMBER: 10909473 FILING DATE: 08/02/2004  
PATENT NUMBER: 6923710 ISSUE DATE: 08/02/2005  
TITLE: APPARATUS AND METHOD FOR CHEMICAL MECHANICAL POLISHING PROCESS

SERIAL NUMBER: 11021803 FILING DATE: 12/23/2004  
PATENT NUMBER: 6974756 ISSUE DATE: 12/13/2005  
TITLE: METHODS OF FORMING SHALLOW TRENCH ISOLATION

SERIAL NUMBER: 10869128 FILING DATE: 06/16/2004

AUG 11 2006

TITLE: LATCH-UP PREVENTION FOR MEMORY CELLS

017718/0964 PAGE 9

SERIAL NUMBER: 10831815

FILING DATE: 04/26/2004

PATENT NUMBER: 6967120

ISSUE DATE: 11/22/2005

TITLE: PINNED PHOTODIODE FOR A CMOS IMAGE SENSOR AND FABRICATING METHOD  
THEREOF

TARA WASHINGTON, EXAMINER  
ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

AUG 11 2006

PATENT ASSIGNMENT
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Electronic Version v1.1  
 Stylesheet Version v1.1

06/06/2006  
 500111765

SUBMISSION TYPE:	NEW ASSIGNMENT																																		
NATURE OF CONVEYANCE:	CHANGE OF NAME																																		
<b>CONVEYING PARTY DATA</b>																																			
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%; text-align: center;">Name</td> <td style="width: 40%; text-align: center;">Execution Date</td> </tr> <tr> <td>DONGBU ANAM SEMICONDUCTORS, INC</td> <td>04/10/2006</td> </tr> </table>	Name	Execution Date	DONGBU ANAM SEMICONDUCTORS, INC	04/10/2006																															
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<b>PROPERTY NUMBERS Total: 89</b>																																			
<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>Application Number:</td><td>11433037</td></tr> <tr><td>Application Number:</td><td>10458870</td></tr> <tr><td>Application Number:</td><td>10676643</td></tr> <tr><td>Application Number:</td><td>10701341</td></tr> <tr><td>Application Number:</td><td>10743113</td></tr> <tr><td>Application Number:</td><td>10743608</td></tr> <tr><td>Application Number:</td><td>10744189</td></tr> <tr><td>Application Number:</td><td>10745854</td></tr> <tr><td>Patent Number:</td><td>6810334</td></tr> <tr><td>Patent Number:</td><td>6982187</td></tr> <tr><td>Patent Number:</td><td>6781171</td></tr> <tr><td>Patent Number:</td><td>6864178</td></tr> <tr><td>Patent Number:</td><td>6794233</td></tr> <tr><td>Patent Number:</td><td>6948475</td></tr> <tr><td>Patent Number:</td><td>6855616</td></tr> <tr><td>Patent Number:</td><td>6918737</td></tr> </tbody> </table>	Property Type	Number	Application Number:	11433037	Application Number:	10458870	Application Number:	10676643	Application Number:	10701341	Application Number:	10743113	Application Number:	10743608	Application Number:	10744189	Application Number:	10745854	Patent Number:	6810334	Patent Number:	6982187	Patent Number:	6781171	Patent Number:	6864178	Patent Number:	6794233	Patent Number:	6948475	Patent Number:	6855616	Patent Number:	6918737	<div style="border-left: 1px solid black; border-right: 1px solid black; padding: 5px; text-align: center;">             CH \$3560.00 11433037           </div>
Property Type	Number																																		
Application Number:	11433037																																		
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Patent Number:	6810334																																		
Patent Number:	6982187																																		
Patent Number:	6781171																																		
Patent Number:	6864178																																		
Patent Number:	6794233																																		
Patent Number:	6948475																																		
Patent Number:	6855616																																		
Patent Number:	6918737																																		

AUG 11 2006

Patent Number:	6958299
Patent Number:	6943092
Patent Number:	7005383
Patent Number:	6984590
Patent Number:	6962877
Patent Number:	6969655
Application Number:	10746805
Application Number:	10746836
Application Number:	10746837
Application Number:	10747599
Application Number:	10747600
Application Number:	10747601
Application Number:	10747602
Patent Number:	7037828
Patent Number:	6864126
Patent Number:	6969653
Patent Number:	7056647
Patent Number:	6984660
Patent Number:	7008856
Application Number:	10750252
Patent Number:	6806174
Application Number:	10757821
Application Number:	10758150
Application Number:	10758188
Application Number:	10758346
Patent Number:	6903026
Application Number:	10875967
Patent Number:	6997791
Application Number:	10900685
Application Number:	10902543
Patent Number:	6923710
Application Number:	10909690
Application Number:	10918047
Application Number:	10922756
Application Number:	10925078

AUG 11 2006

Application Number:	10926874
Application Number:	10944115
Application Number:	10946717
Application Number:	10950017
Application Number:	10950218
Application Number:	10980377
Application Number:	10984307
Application Number:	10972189
Application Number:	11008524
Application Number:	11010157
Application Number:	11021731
Patent Number:	6974755
Application Number:	11023260
Application Number:	11024994
Application Number:	11026232
Application Number:	11026486
Application Number:	11027086
Application Number:	11027348
Patent Number:	7018889
Application Number:	11027349
Application Number:	11026714
Application Number:	11026715
Application Number:	11026756
Application Number:	11026937
Application Number:	11026941
Application Number:	11026972
Application Number:	11026984
Application Number:	11027312
Application Number:	11027524
Application Number:	11027514
Application Number:	11027518
Application Number:	11027533
Application Number:	11027049
Patent Number:	6967120
Application Number:	11044331

AUG 11 2006

Application Number:	11205376
Application Number:	11324376
Application Number:	11156422

**CORRESPONDENCE DATA**

Fax Number: (352)372-5800  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
Phone: 3523758100  
Email: JL@SLSPATENTS.COM  
Correspondent Name: JEFF LLOYD  
Address Line 1: P.O. BOX 142950  
Address Line 4: GAINESVILLE, FLORIDA 32614-2950

ATTORNEY DOCKET NUMBER:	SUN-DA & SUN DE
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NAME OF SUBMITTER:	JEFF LLOYD
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Total Attachments: 17  
source=CERTIFICATE OF INCORPORATION#page1.tif  
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source=namechange.korean#page6.tif

AUG 11 2000

Registration No.	003807
Record No.	110111- 0033821

# CERTIFICATE OF INCORPORATION

## (INCLUDING CANCELLATIONS)

Firm Name: <del>Anam Industrial Inc.</del>	. . Alteration
	. . Registration
<del>Anam Semiconductors Inc.</del>	1998.03.20 Alteration
	1998.03.25 Registration
<del>Dongbu-Anam Semiconductors Inc.</del>	2004.12.21 Alteration
	2004.12.21 Registration
Dongbu Electronics Co., Ltd.	2006.03.24 Alteration
	2006.03.28 Registration
Head Office: 891-10, Daechi-dong, Gangnam-gu, Seoul	2002.11.15 Alteration
	2002.11.21 Registration

Notice Method: All notices shall be given in Seoul Economic Daily issued by Seoul Metropolitan Government	. . Alteration
	. . Registration

Par Value of 1 Share 1,000 Won	2005.12.24 Alteration
	2005.12.26 Registration

Total Number of Shares <del>40,000,000 shares</del>	1994.03.18 Alteration
	.. Registration
<del>40,000,000 shares</del>	1994.03.18 Alteration
	.. Registration
<del>40,000,000 shares</del>	1994.03.18 Alteration
	.. Registration
<del>50,000,000 shares</del>	1997.02.22 Alteration
	1997.03.06 Registration
<del>50,000,000 shares</del>	1997.02.22 Alteration
	1997.03.06 Registration
<del>100,000,000 shares</del>	1998.03.20 Alteration
	1998.03.25 Registration
<del>300,000,000 shares</del>	1999.03.19 Alteration
	1999.03.29 Registration

AUG 11 4006

1,000,000,000 shares	2005.11.22 Alteration
	2005.12.26 Registration

Total Number of Issued Shares and Their Kinds	Total Capital	Alternated Date YY.MM.DD
		Registered Date YY.MM.DD
Total number of issued shares: 267,260,440	267,260.440.000 won	2006.03.22 Alteration
Common shares: 265,677,465		2006.03.22 Registration
Preferred shares: 1,582,975		

PURPOSE		
1. Manufacturer and vendor of electronic equipment and related parts	1994.03.18 Alteration	
		. . . Registration
2. Plating Company	1994.03.18 Alteration	
		. . . Registration
3. Manufacturer of industrial gas	1994.03.18 Alteration	
		. . . Registration
4. Importer/Exporter to foreign countries and agent	1994.03.18 Alteration	
		. . . Registration
5. Manufacturer and vendor of semiconductors and related equipment	1994.03.18 Alteration	
		. . . Registration
6. Manufacturer and vendor of timepieces and related parts	1994.03.18 Alteration	
		. . . Registration

AUG 11 4006



7. Manufacturer and vendor of switchgear systems and Protective equipment	2003.03.21 Alteration 2003.04.01 Registration
8. Manufacturer and vendor of automatic data processing apparatus and computer program media	2003.03.21 Alteration 2003.04.01 Registration
9. Data researcher, processor, and provider, and computer-related service provider	2003.03.21 Alteration 2003.04.01 Registration
10. Real estate rental and lease provider	2003.03.21 Alteration 2003.04.01 Registration
11. Manufacturer and vendor of wired telecommunications devices	2003.03.21 Alteration 2003.04.01 Registration
12. Manufacturer and vendor of wireless telecommunications, broadcasting, and related devices	2003.03.21 Alteration 2003.04.01 Registration
13. Telecommunications construction business	2003.03.21 Alteration 2003.04.01 Registration
14. Information and communications service provider	2003.03.21 Alteration 2003.04.01. Registration
15. Manufacturer and vendor of optical instruments and related products	2003.03.21 Alteration 2003.04.01 Registration
16. Manufacturer and vendor of computer peripherals and related products	2003.03.21 Alteration 2003.04.01 Registration
17. Waste product processor	2003.03.21 Alteration 2003.04.01 Registration
18. All business related to the above categories of business	2003.03.21 Alteration 2003.04.01 Registration

Officer Related Contents	
Director Yoon, Dae-geun 470629-1*****	
Inaugurated November 15, 2002	Registered November 21, 2002
Resigned March 19, 2004	Registered March 20, 2004
Inaugurated March 19, 2004	Registered March 20, 2004
Re-elected March 19, 2005	Registered March 29, 2005
Re-elected March 24, 2006	Registered March 28, 2006
<del>Chief Executive Officer Yoon, Dae-geun 470629-1***** 129-2002, Haengweon-macul Donga Solecity, 1162, Bojeongni, Guseong-eup, Yongin-si, Gyeonggido</del>	

AUG 11 2006

Inaugurated November 15, 2002	Registered November 21, 2002
Resigned March 19, 2004	Registered March 20, 2004
Inaugurated March 19, 2004	Registered March 20, 2004
Re-elected March 19, 2005	Registered March 29, 2005
Chief Executive Officer Yoon, Dae-geun 470629-1***** 129-2002, Haengweon-maeul Donga Solecity Apt., 1162, Bojeong-dong, Giheung-gu, Yongin-si, Gyeonggido	
Administrative district change February 17, 2006	Registered March 28, 2006
Re-elected March 24, 2006	Registered March 28, 2006
Director Ahn, Gwang-jo 531218-1*****	
Inaugurated March 19, 2004	Registered March 20, 2004
Re-elected March 19, 2005	Registered March 29, 2005
Re-elected March 19, 2006	Registered March 28, 2006
Director Lee, Geon-Woo 421017-1*****	
Inaugurated March 19, 2004	Registered March 20, 2004
Re-elected March 19, 2005	Registered March 29, 2005
Re-elected March 19, 2006	Registered March 28, 2006
Director Gwak, Soon-Dong 390518-1*****	
Inaugurated March 18, 2005	Registered March 29, 2005
Re-elected March 24, 2006	Registered March 28, 2006
Director Kim, Hyeong-Joon 530214-1*****	
Inaugurated March 18, 2005	Registered March 29, 2005
Re-elected March 24, 2006	Registered March 28, 2006
Inspection Committee Board Member Lee, Geon-Woo 421017-1*****	
Inaugurated March 18, 2005	Registered March 29, 2005
Re-elected March 24, 2006	Registered March 28, 2006
Inspection Committee Board Member Gwak Soon-Dong 390518-1*****	
Inaugurated March 18, 2005	Registered March 29, 2005
Re-elected March 24, 2006	Registered March 28, 2006
Director U.S. Citizen Oh, Young-Hwan Born December 15, 1944	
Inaugurated March 24, 2006	Registered March 28, 2006
Director Im, Jong-Seong 490126-1*****	
Inaugurated March 24, 2006	Registered March 28, 2006
Director Song, Moon-Seop 520219-1*****	
Inaugurated March 24, 2006	Registered March 28, 2006
Inspection Committee Board Member Kim, Hyeon-Joon 530214-1*****	
Inaugurated March 24, 2006	Registered March 28, 2006

Chief Executive Officer U.S. Citizen Oh, Young-Hwan Born December 15, 1944 3001, B,  
Doosan Janice Tower, 15-4, Jeongjang-dong, Bundang-gu, Seongnam-si, Gyeonggido  
Inaugurated March 24, 2006 Registered March 28, 2006

AUG 11 2006

#### Other Contents

##### 1. Agent for Title Transfer and Location of Head Office

Hana Bank Inc.

101-1, Euljiro 1-ga, Jung-gu, Seoul

Office: Hana Bank Securities

43-2, Yeouido-dong, Youngdeungpo-gu, Seoul

October 1, 2003 Alteration    October 11, 2003 Registration

1. Correct year for the dates of the 38th registration of cancellation of convertible bonds on September 8, 1999 listed as the August 13, 1998 and August 18, 1998 registrations of the total amount of convertible bonds, respectively to the year 1999.

##### 1. Acquisition Merger

Acquisition merger of Dongbu Electronics Inc., 891-10, Daechi-dong, Gangnam-gu, Seoul, registered on December 21, 2004

##### 1. Reason for existence term and dissolution

##### 1. Number of preferred stocks and contents

1. The preferred stocks to be issued by this company shall be issued without voting rights, and will total 140 million shares.
2. The rate of allocation shall be set between 9% and 12% annually, based on the face value of stock issued.
3. When the rate of allocation of common stocks exceeds that of preferred stocks, the preferred stocks shall be allocated at the same rate as the common stocks.
4. When a certain amount has not been allocated, the unallocated portion shall be allocated as preferred stocks in the next year.
5. When it is concluded that a certain amount has not been allocated, the first order of business in the next general meeting shall be the allocation of stocks, and voting rights will be granted until it is decided to allocate the stocks.
6. In the case of a paid-in capital increase, stocks shall be allocated as common stocks; and in the case of a bonus issue, stocks shall be allocated as the same type of stocks.
7. The retaining term shall be 10 years, upon termination of which stocks will change to common stocks.

Should a certain allocation not be performed in the term, the term shall be extended until the allocation is completed.

In the latter case, the allotment of converted stocks shall be subject to Regulation 4 of Article

10.

November 22, 2005 Alteration January 13, 2006 Registration

Branch-Related Contents

~~(Bucheon Factory) 222, Dodang-dong, Bucheon-si~~

(Bucheon Factory) 222, Dodang-dong, Weolmi-gu, Bucheon-si

Administrative Region Change March 1, 1995 December 19, 1996 Registration

Convertible Bonds

1. Cancelled due to complete conversion of 15th foreign convertible bonds

December 16, 1996 Alteration December 19, 1996 Registration

AUG 11 2009

## Convertible Bonds

### 38th Foreign Convertible Bonds

1. Total amount of convertible bonds: US\$ 35,110,000

The bonds may be converted to stocks according to each of the following cases when the bond holder issues an invoice.

2. Amount for each conversion bond: US\$ 5,000
3. Paid amount for each conversion bond: entire face value amount
4. Conditions for conversion

- 1) Bond amount that can be converted: 100% of face value of issued bonds
- 2) Conversion price: conversion premium with closing price (16,400) of common stocks on day of determining issuance conditions

Price per share (10,568 won) with 23.17% added

- 3) Conversion Rate: US\$ 1 : 779.72 won

5. Type of stock to be issued through conversion: common stocks in registered form
6. Term of conversion invoicing: April 22, 1996 to November 30, 2010 A.D.
7. Conversion price adjustment: when a reason for adjusting the conversion price occurs, the conversion price shall be adjusted according to market price criteria.
8. Clause for readjusting conversion price: When a conversion price applicable to a fixed date is below a price (average closing price after adjustment) digression reached by adding a conversion premium to the average closing price over 30 trading days retroactive from the fixed date, March 20, 1997 or (and) March 20, 1998, the conversion price based on a formula is dropped and is converted at this point.

The number of stocks issued through price adjustment shall not exceed 25% of the number of stocks to be issued at the initial conversion price.

$$\text{Conversion price prior to adjustment} = \frac{\text{average closing price after adjustment}}{\text{exchange rate of fixed date}} \times \text{fixed exchange rate (US\$ 1: 779.72 won)}$$

9. Amount of convertible bonds issued to stockholders: US\$ 4,000
10. Method of payment for initial allocation amount of stocks to be issued through conversion and interest:

The point of conversion request is seen as right before the end of the related business year. However, if converted within the year of convertible bond issuance, the relevant convertible bonds will be seen as converted on the day of issuance.

September 17, 1999 Alteration of total convertible bond amount      October 8, 1999  
Registration

Convertible Bonds

1. Total amount of convertible bonds converted on March 24, 1999

Convertible Bonds

All 32nd convertible bonds converted on February 24, 1997 March 5, 1997 Registration

Convertible Bonds

All 38th convertible bonds converted on June 15, 2001 June 20, 2001 Registration

AUG 11 2006

### Stock Options

1. A general meeting of stockholders determining a special resolution according to the parameters of pertinent regulation or an alternate method decided by related regulations may grant stock options to officers and other employees of the company.
2. Candidates for receiving stock options shall exclude officers or other company employees or officers or other employees of an affiliated company who have contributed or are capable of contributing to the company's founding, administration, foreign operation, or technology, but are ineligible to receive stock options due to stipulations in pertinent regulations.
3. A company may decide to award stock options, according to the following clauses:
  1. The issue and consignment of newly registered common stocks at exercise price.
  2. The issue of treasury stock of registered common stocks at exercise price.
  3. The issue of difference between exercise price and market price in cash or with treasury stock.
4. The total number of stocks that may be granted at exercise price is limited to the maximum specified by the related regulations.
5. The exercise price per stock of stock options granted at exercise price is to be determined by a stockholder meeting or a directorial meeting, according to pertinent regulations.
6. Stock options may be exercised by the holders thereof over a four year period beginning three years from the date of resolution to grant the stock options.
7. Stock options may be granted following a resolution by a directorial meeting, subject to each condition hereunder according to the pertinent regulations.
  1. Name of person to receive stock options
  2. Method of granting stock options
  3. Exercise price of stock options and reasons for adjustment thereof
  4. Exercise term of stock options
  5. Type and number of stocks for granting to each individual to be granted stock options through exercise price
8. Recipients of stock options may exercise their rights only if they hold office or resign after at least two years following the resolution date for granting the stock options, and may not transfer the rights to another party; however, recipients of stock options who retire or resign within two years of the resolution date for granting stock options, due to mandatory retirement, end of tenure, or other reasons outside their means of control, may exercise their stock option rights within said period. Also, should the recipient die within two years from the date of granting the stock options, the inheritor of the recipient's estate shall

AUG 11 2006



following reasons.

1. The executive or employee who received the stock options retires or resigns of his/her volition within 2 years from the date of granting of said stock options. However, mandatory retirement, end of tenure, a promotion, or an assignment to an affiliate company shall not be viewed as a retirement or resignation of the individual's volition.
2. The executive or employee who received the stock options intentionally or accidentally inflicts serious harm on the company.
3. Stock options are rendered non-compliant due to the company becoming bankrupt or insolvent.
4. The recipient of the stock options obstructs the company's business activities or counteracts profitability.

Instated November 15, 2002

Registered November 21, 2002

Founding Date of Firm

August 28, 1956

Reason for Registration Form and Date

This copy is rewritten from the old registration pursuant to Article 2 Clause 1 of Addendum of Commercial Registration Act

Registered January 3, 1995

Fee: 1,200 won

--- Margin Below ---

Registering Office: Seoul Central District Court Registry Office / Issuing Office: Seoul Central District Court Business Registry Office

This is a Certificate of Incorporation (including cancellations). [However, registration details that have no effect and those of legislator (agent) and office (branch) are not included herein if not requested.]

April 10, 2006 A.D.

Central Management Office of Registration Information at the Supreme Court

Administrative Division

Park, Yong-Jin, Head Public Officer of Records

- Registration details overruled with solid lines are cancellations (changes, revisions).
- To check the authenticity of these contents you may log onto the online registration office of the Supreme Court (<http://www.iros.go.kr>) and check the registration certificate issuance menu.

Issuance Number 8072-ALKF-ETJU

Date of Issue: April 10, 2006

AUG 11 2006

등기번호	003807
등록번호	110111-0033821

## 등기부 등본 ( 말소사항 포함 )

상 호 亞南産業 株式會社	변경
	등기
아남반도체 주식회사	1998.03.20 변경
	1998.03.25 등기
동부아남반도체 주식회사	2004.12.21 변경
	2004.12.21 등기
동부일렉트로닉스 주식회사	2006.03.24 변경
	2006.03.28 등기
본 점 서울 강남구 대치동 891-10	2002.11.15 변경
	2002.11.21 등기

광고방법 서울시내에서 발행하는 일간 한국경제신문에 게재한다.	변경
	등기

1주의 금액 금 1,000 원	2005.12.24 변경
	2005.12.26 등기

발행할 주식의 총수 40,000,000 주	1994.03.18 변경
	등기
40,000,000 주	1994.03.18 변경
	등기
40,000,000 주	1994.03.18 변경
	등기
50,000,000 주	1997.02.22 변경
	1997.03.06 등기
50,000,000 주	1997.02.22 변경
	1997.03.06 등기
100,000,000 주	1998.03.20 변경
	1998.03.25 등기
300,000,000 주	1999.03.19 변경
	1999.03.29 등기
1,000,000,000 주	2005.11.22 변경
	2005.12.26 등기

발행주식의 총수와 그 종류 및 각각의 수	자본의 총액	변경 연월일
발행주식의 총수 267,260,440 주		등기 연월일
보통주식 265,677,465 주		2006.03.22 변경
우선주식 1,582,975 주	금 267,260,440,000 원	2006.03.22 등기

목	적
1. 전자기기 및 동부분품 제조판매업	<1994.03.18 변경 . . . 등기>
2. 도금업	<1994.03.18 변경 . . . 등기>
3. 산업용 개스 제조업	<1994.03.18 변경 . . . 등기>

발급확인번호 8072-ALKF-ETJU

00003200271008134000610101206101C1A4C7FDC0CE19680615 25 발행일:2006/04/10

- 1/6 -

AUG 11 2006



등기번호	003807			
4. 국내외 무역업 및 무역대리점업	<1994.03.18	변경	.	등기>
5. 반도체 및 관련장치, 제조 판매업	<1994.03.18	변경	.	등기>
6. 시계 및 동부품 제조판매업	<1994.03.18	변경	.	등기>
7. 개폐장치 및 보호장비 제조판매업	<2003.03.21	변경	2003.04.01	등기>
8. 자동자료처리장치 및 컴퓨터 프로그램매체 제조판매업	<2003.03.21	변경	2003.04.01	등기>
9. 자료조사, 처리, 제공 및 컴퓨터 관련 서비스업	<2003.03.21	변경	2003.04.01	등기>
10. 부동산 임대업	<2003.03.21	변경	2003.04.01	등기>
11. 유선통신장치 제조판매업	<2003.03.21	변경	2003.04.01	등기>
12. 무선통신, 방송 및 응용장치 제조판매업	<2003.03.21	변경	2003.04.01	등기>
13. 통신공사업	<2003.03.21	변경	2003.04.01	등기>
14. 정보통신 역무 제공업	<2003.03.21	변경	2003.04.01	등기>
15. 광학기기 및 동 관련제품 제조판매업	<2003.03.21	변경	2003.04.01	등기>
16. 컴퓨터 주변기기 및 동 관련제품 제조판매업	<2003.03.21	변경	2003.04.01	등기>
17. 폐기물 처리업	<2003.03.21	변경	2003.04.01	등기>
18. 전 각호에 부대되는 사업	<2003.03.21	변경	2003.04.01	등기>

#### 임원에 관한 사항

이사 윤대근 470629-1\*\*\*\*\*

2002 년 11 월 15 일 취임	2002 년 11 월 21 일 등기
2004 년 03 월 19 일 사임	2004 년 03 월 20 일 등기
2004 년 03 월 19 일 취임	2004 년 03 월 20 일 등기
2005 년 03 월 19 일 중임	2005 년 03 월 29 일 등기
2006 년 03 월 24 일 중임	2006 년 03 월 28 일 등기

대표이사 윤대근 470629-1\*\*\*\*\* 경기도 용인시 구성읍 보정리 1162 행원마을동아솔레시티 129-20 02

2002 년 11 월 15 일 취임	2002 년 11 월 21 일 등기
2004 년 03 월 19 일 사임	2004 년 03 월 20 일 등기
2004 년 03 월 19 일 취임	2004 년 03 월 20 일 등기
2005 년 03 월 19 일 중임	2005 년 03 월 29 일 등기

대표이사 윤대근 470629-1\*\*\*\*\* 경기도 용인시 기흥구 보정동 1162 행원마을동아솔레시티아파트 129-2002

2006 년 02 월 17 일 행정구역변경	2006 년 03 월 28 일 등기
2006 년 03 월 24 일 중임	2006 년 03 월 28 일 등기

이사 안광조 531218-1\*\*\*\*\*

2004 년 03 월 19 일 취임	2004 년 03 월 20 일 등기
2005 년 03 월 19 일 중임	2005 년 03 월 29 일 등기
2006 년 03 월 24 일 중임	2006 년 03 월 28 일 등기

이사 이진우 421017-1\*\*\*\*\*

2004 년 03 월 19 일 취임	2004 년 03 월 20 일 등기
2005 년 03 월 19 일 중임	2005 년 03 월 29 일 등기
2006 년 03 월 24 일 중임	2006 년 03 월 28 일 등기

이사 박순동 390518-1\*\*\*\*\*

발급확인번호 8072-ALKF-ETJU

00003200271008134000610101206101C1A4C7FDC0CE19680615 25 발행일:2006/04/10

- 2/6 -

AUG 11 2006

리본의

등기번호	003807
2005 년 03 월 18 일 취입	2005 년 03 월 29 일 등기
2006 년 03 월 24 일 중입	2006 년 03 월 28 일 등기
이사 김형준 530214-1*****	
2005 년 03 월 18 일 취입	2005 년 03 월 29 일 등기
2006 년 03 월 24 일 중입	2006 년 03 월 28 일 등기
감사위원회위원 이진우 421017-1*****	
2005 년 03 월 18 일 취입	2005 년 03 월 29 일 등기
2006 년 03 월 24 일 중입	2006 년 03 월 28 일 등기
감사위원회위원 박순동 390518-1*****	
2005 년 03 월 18 일 취입	2005 년 03 월 29 일 등기
2006 년 03 월 24 일 중입	2006 년 03 월 28 일 등기
이사 미합중국인 오영환 1944.12.15.생	
2006 년 03 월 24 일 취입	2006 년 03 월 28 일 등기
이사 임종성 490126-1*****	
2006 년 03 월 24 일 취입	2006 년 03 월 28 일 등기
이사 송문섭 520219-1*****	
2006 년 03 월 24 일 취입	2006 년 03 월 28 일 등기
감사위원 김형준 530214-1*****	
2006 년 03 월 24 일 취입	2006 년 03 월 28 일 등기
대표이사 미합중국인 오영환 1944.12.15.생 경기도 성남시 분당구 정자동 15-4 두산제니스타워 비 3001	
2006 년 03 월 24 일 취입	2006 년 03 월 28 일 등기

#### 기 타 사 항

- 명의개서대리인의 상호 및 본점소재지  
주식회사 하나은행  
서울 중구 을지로1가 101-1  
영업소: 하나은행 증권대행부  
서울 영등포구 여의도동 43-2  
2003 년 10 월 01 일 변경 2003 년 10 월 11 일 등기
1. 1999년 9월 8일 제38회 전환사채 말소 등기사항 중 1998년 8월 13일, 18일  
전환사채충액 변경 등기의 각 연도를 1999년으로 경정  
1999년 9월 8일 등기
1. 흡수합병  
서울 강남구 대치동 891-10 동부전자 주식회사를 합병  
2004 년 12 월 21 일 등기
1. 존립기간 또는 해산사유
1. 우선주식의 수와 내용  
1. 이 회사가 발행할 우선주식은 의결권이 없는 것으로 하며, 그 발행주식의 수는 1억 4  
000만주로 한다.

발급확인번호 8072-ALKF-ETJU

00003200271008134000610101206101C1A4C7FDC0CE19680615 25 발행일:2006/04/10

- 3/6 -

AUG 11 2006

대법원

등기번호	003807
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2. 액면 금액 기준 년 9% 이상 12%내에서 발행시 배당율 정함
  3. 보통주식의 배당율이 우선주식의 배당율을 초과할 경우 보통주식과 동일비율로 배당함
  4. 소정의 배당을 하지 못한 경우 미배당분을 다음년도에 우선배당함
  5. 소정의 배당을 하지 아니한다는 결의가 있는 경우 다음 총회부터 우선적 배당을 한다는 결의가 있는 총회 종료시 까지 의결권이 있음
  6. 유상증자 또는 무상증자의 경우 유상증자의 경우에는 보통주식으로, 무상증자의 경우에는 그와같은 종류의 주식으로 한다
  7. 존속기간은 10년으로하고 만료와 동시 보통주식으로 전환함  
기간중 소정의 배당을 하지 못한 경우 배당완료때까지 기간 연장함  
이 경우 전환으로 발행하는 주식에 대한 배당은 제10조의 4규정을 준용함
- 2005 년 11 월 22 일 변경      2006 년 01 월 13 일 등기

#### 지점에 관한 사항

부천시 도당동 222(부천공장)

부천시 원미구 도당동 222(부천공장)

1995 년 03 월 01 일 행정구역변경      1995 년 03 월 13 일 등기

#### 전 환 사 채

1. 제15회 해외전환사채 전부상환하였음으로말소

1996년 12월 16일 변경      1996년 12월 19일 등기

#### 전 환 사 채

제38회 해외전환사채

1. 전환사채의 총액: 미화 금 35,110,000불  
본 사채는 사채권자의 청구에 의하여 다음각호의 조건에 따라 주식으로 전환할 수 있다.
2. 각 전환사채의 금액: 미화 금 5000불
3. 각 전환사채의 납입금액: 액면금 전액
4. 전환의 조건
  - 1)전환가능 사채금액: 발행 사채 액면금액의 100%
  - 2)전환가격: 발행조건결정일 보통주의 증가(16,400)에 전환 프리미엄 (23.171%)을 가산한 가격(1주당 10,568원)
  - 3)전환환률: 미화 1불당 779.72원
5. 전환으로 인하여 발행할 주식의 종류: 기명식 보통주식
6. 전환청구기간: 서기 1996년 4월 22일 - 2010년 11월 30일
7. 전환가격조정: 전환가격 조정 사유가 발생하는 경우 시가기준 조정 방식으로 전환 가격을 조정함
8. 전환가 재조정 조항: 기준일 1997년 3월 20일 혹은(및) 1998년 3월 20일로부터 소급한 30거래일간 평균증가에 전환프리미엄을 가산한 가격 (조정후평균증가)이각 기준일에 적용되는 전환가격을 하회하는 경우, 전환가의 하향조정이 하기 산식에 의거 각각 가능하며, 이때 전환

발급확인번호 8072-ALKF-ETJU

00003200271008134000610101206101C1A4C7FDC0CE19680615 25 발행일:2006/04/10

- 4/6 -

AUG 11 2006

이비원

등기번호	003807
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가격조정으로 인해 발행되는 주식수는 최초 전환가로 발행될 주식수의 25% 이상을 초과 해서는 안됨  
 조정후 전환가격 = 조정후 평균종가  
 ----- X 고정환율(1불당 779.72원)  
 기준일 환율

9. 주주의의자에게 발행할 전환사채의 금액: 미화 금 4000만불
10. 전환으로 발행될 주식의 최초 배당금및 이자지급 방법:  
 전환을 청구한때가 속하는 직전영업년도말에 전환된 것으로 봄  
 그러나 당해 전환사채 발행년도중에 전환된 경우에는 해당 전환사채 발행일에 전환된것으로 봄

1999년 9월 17일 전환사채총액 변경

1999년 10월 8일 등기

#### 전 환 사 채

1. 1999년 3월 24일 제18회 전환사채의 총액 전부 상환  
 1999년 3월 29일 등기

#### 전 환 사 채

- 1997년 2월 24일 제32회전환사채 전부상환 1997년 3월 5일 등기

#### 전 환 사 채

- 2001년 6월 15일 제38회 해외전환사채 전부상환  
 < 2001년 06월 20일 등기 >

#### 주 식 매 수 선 택 권

1. 이 회사는 임.직원에게 관계법령이 허용하는 범위내에서 주식매수선택권을 주주총회의 특별결의 또는 기타 관계법령에서 정하는 방법으로 부여할 수 있다.
2. 주식매수선택권을 부여받을 자는 회사의 설립, 경영, 해외영업 또는 기술혁신 등에 기여하거나 기여할 수 있는 임.직원 또는 법령이 정하는 관계회사의 임.직원으로서 관계 법령에서 주식매수선택권을 부여받을 수 없는 자로 규정된 자는 제외한다.
3. 회사는 주식매수선택권을 다음 각호의 1에서 정한 방법으로 부여할 수 있다.
  - 1) 주식매수선택권의 행사가격으로 새로이 기명식 보통주식을 발행하여 교부하는 방법
  - 2) 주식매수선택권의 행사가격으로 기명식 보통주식의 자기주식을 교부하는 방법
  - 3) 주식매수선택권의 행사가격과 시가와의 차액을 현금 또는 자기주식으로 교부하는 방법
4. 주식매수선택권의 행사로 교부할 수 있는 주식의 총수는 관계법령에서 허용하는 한도 내로 한다.
5. 주식매수선택권을 행사할 주식의 1주당 행사가격은 관계법령에서 정하는 바에 따라 주주총회 또는 이사회에서 정한다.
6. 주식매수선택권은 이를 부여하는 부여결의일로부터 3년이 경과한날로부터 4년내에 행사할 수 있다.
7. 관계법령이 정하는 바에 따라 각호의 사항이 포함된 이사회의 결의로 주식매수선택권

등기번호	003807
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을 부여할 수 있다.

- 1) 주식매수선택권을 부여받을자의 성명
- 2) 주식매수선택권의 부여방법
- 3) 주식매수선택권의 행사가격과 그 조정에 관한 사항
- 4) 주식매수선택권의 행사기간
- 5) 주식매수선택권을 부여받을자 각각에 대하여 주식매수선택권의 행사로 교부할 주식의 종류와 수
8. 주식매수선택권을 부여받은 자는 부여 결의일로부터 2년 이상 재임 또는 재직하여야 행사할 수 있으며, 그 권리를 타인에게 양도할 수 없다. 다만, 주식매수선택권을 부여받은자가 부여결의일부터 2년 내에 정년, 임기만료 또는 기타 본인의 귀책사유가 아닌 사유로 퇴임 또는 퇴직한 경우에는 그 행사기간 동안 주식매수선택권을 행사할 수 있다. 또한 부여결의일부터 2년 내에 본인이 사망한 경우에는 그 상속인이 이를 부여받은 것으로 본다.
9. 다음 각호의 1에 해당하는 경우에는 이사회 결의로 주식매수선택권의 부여를 취소할 수 있다.
  - 1) 주식매수선택권을 부여받은 임·직원이 부여결의일로부터 2년 이내에 본인의 의사로 퇴임하거나 퇴직한 경우. 단 정년, 임기만료, 임원승진 또는 관계사 전배로 인한 퇴임, 퇴직은 본인의 의사로 인한 퇴임, 퇴직으로 보지 않는다.
  - 2) 주식매수선택권을 부여받은 임·직원이 고의 또는 과실로 회사에 손해를 초래하게 한 경우
  - 3) 회사의 파산 또는 해산 등으로 주식매수선택권의 행사에 응할 수 없는 경우
  - 4) 기타 주식매수선택권을 부여받은 자가 회사의 사업활동을 방해하거나 이익에 반하는 경우

2002년 11월 15일 설정 2002년 11월 21일 등기

회사성립연월일

1956년 08월 28일

등기용지의 개설 사유 및 연월일

상업등기처리규칙 부칙 제2조 제1항의 규정에 의하여 구등기용지로 부터이기

1995년 01월 03일 등기

수수료 1,200원 영수함

이 하 여 백  
관할등기소 : 서울중앙지방법원 상업등기소 / 발행등기소 : 서울중앙지방법원 상업등기소

등기부 등본(말소사항 포함)입니다. [다만, 신청이 없는 경우에는 효력이 없는 등기사항과 지배인(대리인), 지점(분사무소)의 등기사항을 생략하였습니다.]

서기 2006년 04월 10일

법원행정처 등기정보중앙관리소

전산운영책임공무원 박용진



\* 실선으로 그어진 부분은 말소(변경, 경정)된 등기사항입니다.

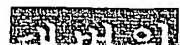
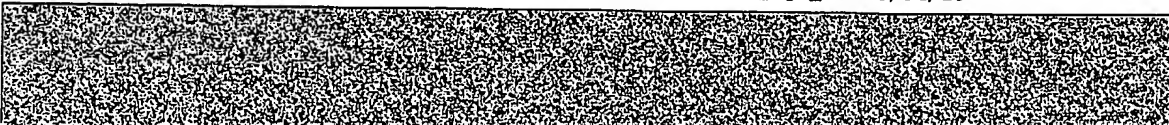
\* 대법원 인터넷등기소 홈페이지( <http://www.iros.go.kr> )에 접속하여 등기부발급확인 메뉴를 통해 발급확인번호로 내용의 진위여부를 확인하실 수 있습니다.

발급확인번호 8072-ALKF-ETJU

00003200271008134000610101206101C1A4C7FDC0CE19680615 25 발행일:2006/04/10

- 6/6 -

AUG 11 2006



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